



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	549242002300
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Complete If Known

Application Number	10/618,403
Filing Date	July 11, 2003
First Named Inventor	Charles E. HEGER
Art Unit	2858
Examiner Name	V. Q. Nguyen

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
V.N	1.	US-4,370,813	02-01-1983	Burniski	33/291
V.N	2.	US-5,541,727	07-30-1996	Rando et al.	356/149

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number-Kind Code ³ (if known)				
V.N	3.	JP-08-005373	01-12-1996	Osaka Gas Co. Ltd.	Translation of abstract only	
V.N	4.	JP-2001-033241	02-09-2001	Yoshitaka	Translation of abstract only	

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5.	International Search Report mailed-on December 1, 2004 for PCT patent application no. PCT/US2004/022571 filed July 12, 2004, 4 pages.	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	V. Nguyen	Date Considered	3/2005
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Form PTO-1449 O I P E INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number 549242002300	Application Number 10/618,403	
				Applicant	Charles E. HEGER	
				Filing Date July 11, 2003	Group Art Unit Not Yet Assigned	
				Mailing Date October 10, 2003	2858	

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
V,N	1.	03/14/1989	4,811,491	Phillips et al.	33	366.12	
V,N	2.	04/18/1995	5,406,713	Oman et al.	33	366.12	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
		None /V,N

EXAMINER: <u>V. Nguyen</u>	DATE CONSIDERED: <u>3/2005</u>
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